REMARKS

The information disclosure statements (IDSs) filed on the following dates apparently have not been considered (or at least Applicants do not have confirmation of such consideration): June 26, 2002; April 25, 2002; April 10, 2002; February 20, 2002. Accordingly, it is respectfully requested that the Examiner consider these IDSs if not already considered, and additionally provide the undersigned Applicant with acknowledgement of such consideration.

Regarding Claims 226, 243, 249, and 274, a period has been inserted at the end of each of these claims as requested by the Examiner. The Examiner's attention to such details is appreciated.

Regarding Claim 247, the claim has been amended and is believed to be allowable.

It is respectfully requested that the application now be reconsidered.

No fees are believed due with this response beyond the fees for a 3 month extension of time. If there are additional fees due, please contact the undersigned so that such fees can be promptly paid.

Attached hereto is a marked up version of the changes made to the specification and claims by this Amendment. The attached page is captioned "Version With Markings to Show Changes Made."

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Respectfully submitted,

By: _____

Dennis L. Dupray
Registration No. 46,299
1801 Belvedere Street
Golden, Colorado 80401
TELEPHONE: 303-863-2975
FAX: 303-863-0223

Version with Markings to Show Changes Made

In the specification:

The title of the application has been changed to "A GATEWAY AND HYBRID SOLUTIONS FOR WIRELESS LOCATION."

In the claims:

226. (Once Amended) The method of Claim 221, wherein said step of providing includes representing each of said first and second location inputs in a common data representation having a plurality of location attributes, including a common representation A_1 for representing a geographical position for the first mobile station, and one or more attributes related to one of: an error in data for A_1, a likelihood of the first mobile station being in the geographical extent represented by A_1, a timestamp related to the first mobile station being in the geographical extent represented by A_1, and descriptor information related to location processing performed by one of said resources in obtaining an instance of said location information for M.

243. (Once Amended) A method as set forth in claim 239, wherein said first location finding technology involves a first location finding controller for receiving first location data from a first source and determining, using said first data, one or more geometric extents for a location of the first mobile station and a value related to an uncertainty of said one or more geometric extents to provide said first location input, and said second location finding technology involves obtaining second location data from a second source and determining, using said second data, one or more geometric extents for a location of the first mobile station and a value related to an uncertainty of said one or more geometric extents to provide said second location input, and said step of combining comprises obtaining said first data from said first source, obtaining said second data from said second source, and said step of combining further comprises using one of said first data and said second data to obtain derived location information.

247. (Once Amended) A method for locating mobile stations at one or more unknown terrestrial locations using wireless signal measurements obtained from

transmissions between said mobile stations and a plurality of [fixed location] terrestrial or non-terrestrial communication stations, wherein each of said communications stations includes one or more of a transmitter and a receiver for wirelessly communicating with said mobile stations, comprising:

receiving, from a plurality of location requesting sources, a plurality of input requests for locations of the mobile stations, wherein for each of the input requests there is a corresponding destination for a responsive output;

for a first [each] of the input requests, first providing one or more location requests for location information, related to a location of a first [one] of said mobile stations, to one or more mobile station location determining sources for activating a first set of one or more wireless location techniques;

first obtaining, in response to a first of the location requests received from a first of the requesting sources, at least first location information of a first location of a first of said mobile stations, said first location information determined using the [a] first set of one or more wireless location techniques;

where the first obtaining step results from an activation of at least two different wireless location techniques, each using measurements from one of: (i) first wireless signals for communication between a first set of one or more of the communication stations and the first mobile station, wherein first mobile station is in two-way communication with the first set of communication stations, and (ii) second wireless signals broadcast from a second set of one or more of the communications stations and received by the first mobile station, wherein the first mobile station does not transmit a wireless signal that is used by the second set of communication stations for communicating with the first mobile station;

first determining, using said first location information, first output location data according to a first output criteria for the corresponding destination for the first request, said first output location data including a representation identifying a first geographical range of the first location;

for a second of the input requests, second providing one or more second location requests for location information, related to a location of a second of said mobile stations, to one or more mobile station location determining sources for activating a second set of one or more wireless location techniques;

second obtaining, in response to a second of the location requests received from a second of the requesting sources, at least second location information of a second location of a second of said mobile stations, said second location information determined using the [a] second set of one or more wireless location techniques, wherein the second set determines the second location information by activating at least one technique (T) of the second set [computational module] for locating the second mobile station that does not provide a result that substantively effects said first output location data [is not activated for determining the first location information];

second determining, using said second location information, second output location data according to a second output criteria for the corresponding destination for the second request, said second output location data including a representation identifying a geographical range of the second location;

wherein said second output location data is substantively dependent upon a result from said technique T;

wherein for at least one of said first and second output criteria, there is an output criteria for another of the location requests that is different from said at least one output criteria;

first transmitting said first output location data to its corresponding destination via a communications network; and

second transmitting said second output location data to its corresponding destination via a communications network, the first and second locations being different locations

249. (Once Amended) The method of Claim 247, wherein said steps of first and second determining use at least one common mobile station location related component

for determining, respectively, said first output location data and said second output location data.

274. (Once Amended) The method of Claim 273, wherein said first location technique includes a step of using information dependent upon a wireless coverage area of the at least one transceiver for improving said first location information.